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🔍 Title: **JP2001003010A2: PRESSURE-SENSITIVE DOUBLE-SIDED ADHESIVE SHEET AND PRESSURE-SENSITIVE ADHESIVE MEMBER**

🔍 Country: **JP Japan**
 🔍 Kind: **A2 Document Laid open to Public inspection**

🔍 Inventor: **OURA MASAHIRO;
TAKAHIRA HITOSHI;**

🔍 Assignee: **NITTO DENKO CORP**
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🔍 Published / Filed: **Jan. 9, 2001 / June 16, 1999**

🔍 Application Number: **JP1999000170356**

🔍 IPC Code: **C09J 7/02;**

🔍 Priority Number: **June 16, 1999 JP1999000170356**

🔍 Abstract:

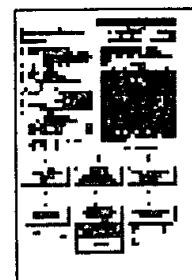
PROBLEM TO BE SOLVED: To obtain a pressure-sensitive double-sided adhesive sheet which shows an excellent workability when preparing a pressure-sensitive adhesive member by releasing a releasing liner attached on one side of the double-sided adhesive sheet and sticking the released surface to a base material, and prevents a silicone component from transferring to an adherend when using this pressure-sensitive adhesive member for assembling precision electron components, etc.

SOLUTION: A pressure-sensitive double-sided adhesive sheet 1 has one side of its pressure-sensitive adhesive layer 2 coated with a silicone-based releasing liner 3 and the other side with a non-silicone-based releasing liner 4. The non-silicone-based releasing liner 4 may comprise a plastic film having a three-layered laminate structure, e.g. a laminated plastic film having a release-function layer comprising a polyethylene film and a surface film layer having a coefficient of linear thermal expansion comparable to that of the release-function layer as the two surface layers, and a reinforcing layer having a melting point of 120°C or higher as a middle layer. A pressure-sensitive adhesive member is obtained by releasing the silicone-based releasing liner 3 attached on the pressure-sensitive double-sided adhesive sheet 1 and sticking a substrate on the released surface.

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🔍 Family: **None**

🔍 Other Abstract Info: **CHEMABS 134(07)087270V CHEMABS 134(07)087270V**



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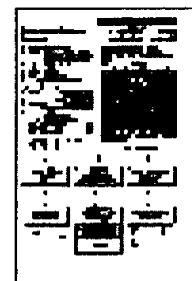
Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#) ☒ [Go](#)View: Jump to: [Top](#) ☒☒ Email this to a friendTitle: **JP2000119411A2: RELEASING LINER AND ADHESIVE SHEET**Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection i**Inventor: **IGUCHI SHINJI;
TAKADA SHINICHI;**Assignee: **NITTO DENKO CORP**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **April 25, 2000 / Oct. 15, 1998**Application Number: **JP1998000293855**IPC Code: **C08J 5/18; B29D 7/01; B32B 7/06; B32B 27/32; C08L 23/04; C09J 7/02;**Priority Number: **Oct. 15, 1998 JP1998000293855**

Abstract:

PROBLEM TO BE SOLVED: To obtain a releasing liner usable for a silicone-free adhesive sheet in the electronic material field, and giving no danger of head crash due to silicone even when used for adhesion or sealing of a hard disc part.

SOLUTION: This liner is composed of a film or a laminate contg. a film, the film comprising at least (A) a polyethylene having a density of 0.945 g/cm³ or less, and (B) a polyethylene wax having a density of 0.935 g/cm³ or less and a wt. average mol.wt. of 1,000-12,000. The wt. ratio of (A) to (B) is, e.g. in the range of (A):(B) =100:1-100:50.

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Abstract:

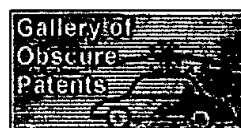
PROBLEM TO BE SOLVED: To obtain a low adhesive coating capable of easily giving non-silicone-based coating films, having small adhesivity to the adhesive layers of coating films, having good stability against aging, and good in the readhesivity of the adhesive layers after adhered to the coating films by mixing a specific fluorine-containing acrylic polymer with a fluorine-based oil in a specified ratio.

SOLUTION: This low adhesive coating comprises (A) 99-33 wt.% of a fluorinated acrylic polymer produced by polymerizing a monomer composition consisting mainly of a 6-16C, preferably 8-12C, perfluoroalkyl (meth)acrylate ester and (B) 1-67 wt.% of a fluorinated oil. The monomer composition preferably contains a 8-12C perfluoroalkyl (meth)acrylate in an amount of 90 wt.%. The component A is preferably crosslinked from an aspect wherein the component B can be added in an increased amount and from an aspect wherein the adhesivity to substrates is improved. The component B is preferably a perfluoropolyether oil.

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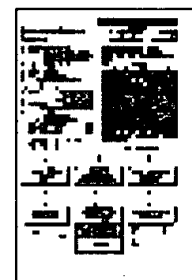
Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#)  [Go](#)View: [INPADOC](#) | Jump to: [Top](#)  Go to: [Derwent...](#) [Email this to a friend](#)Title: **JP2001049210A2: ADHESIVE SHEETS**Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection**Inventor: **HIKOSAKA WAKA;
ANDO MASAHIKO;
TOKUNAGA YASUYUKI;
YAMAMOTO HIROSHI;
NISHIYAMA NAUYUKI;**Assignee: **NITTO DENKO CORP**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Feb. 20, 2001 / Aug. 13, 1999**Application
Number: **JP1999000229451**IPC Code: **C09J 7/02; C09J 7/04;**Priority Number: **Aug. 13, 1999 JP1999000229451**

Abstract:

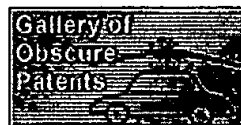
PROBLEM TO BE SOLVED: To provide an adhesive sheet which does not exert any bad influence on the internal parts of electronic devices caused by hydrocarbon gases and siloxane gases, shows excellent primary adhesion properties such as high adhesion strength and exerts an excellent releasability against separators.

SOLUTION: An adhesive sheet comprises an adhesive sheet body and a separator laminated on this. Here, the amount of hydrocarbon gas generated when heating the adhesive sheet body separated from the separator at 85°C for 10 min is 0.05 µg/cm² or less, the adhesive layer of the adhesive sheet body comprises A) from 50 to 100 wt.% polyester polymer comprising an aliphatic polycarbonate diol as an essential polyol component and B) 50 to 0 wt.% acrylic polymer having a glass transition temperature of -10°C or lower, and the separating layer of a separator comprises a low-density polyethylene.

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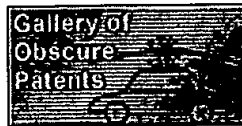
Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#)  View: [INPADOC](#) | Jump to: [Top](#)  Go to: [Derwent...](#) [Email this to a friend](#)Title: **JP9324517A2: MEMBER FOR LAYING FLOOR COVERING ONTO DITCH**Country: **JP Japan**Kind: **A**Inventor: **KOIDE YUJI;**Assignee: **SEKISUI CHEM CO LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Dec. 16, 1997 / June 6, 1996**Application
Number: **JP1996000144329**IPC Code: **E04F 15/00; E04F 15/00;**Priority Number: **June 6, 1996 JP1996000144329**

Abstract:

PROBLEM TO BE SOLVED: To provide a member for laying a floor covering capable of laying the flooring covering onto a drainage ditch while keeping safety even when there are the drainage ditches, etc., having various sizes in a balcony, a veranda, etc.

SOLUTION: This member is formed in a structure, in which mutually parallel upper and lower plate sections 11, 12 are connected mutually through a vertical section 13 interposed between these plate sections 11, 12, and bolts 2...2 for adjusting height are installed near the four corner sections of the lower plate section 12 respectively in the lower plate section 12. Accordingly, the top face 11a of the upper plate section 11 is placed on the same plane as a surface to be laid in conformity with the depth and gradient of a ditch, and a floor covering can be laid even on the top face 11a in the same manner as the upper section of the surface to be laid.

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🔍 Title: **JP10026833A2: TACKY ADHESIVE TAPE FOR REMOVING RESIST, AND METHOD FOR REMOVING RESIST**

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **CHIKADA YASU;
NAMIKAWA AKIRA;
HASHIMOTO KOICHI;**

🔍 Assignee: **NITTO DENKO CORP**
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🔍 Published / Filed: **Jan. 27, 1998 / July 11, 1996**

🔍 Application Number: **JP1996000181885**

🔍 IPC Code: **G03F 7/34; C09J 7/02; C09J 7/02; C09J 7/02; G02F 1/136;**

🔍 Priority Number: **July 11, 1996 JP1996000181885**

🔍 Abstract:

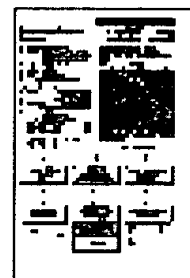
PROBLEM TO BE SOLVED: To improve the yield and reliability of products consisting of precision electronic parts, such as semiconductors and liquid crystal display panels, by averting the degradation in the removability of resists and the problems of article contamination arising in the separator of a tacky adhesive tape for removing the resists in the resist removing stage of a production process for the precision electronic parts.

SOLUTION: The tacky adhesive tape 1 for removing the resists is constituted by forming a tacky adhesive layer 12 on a base film 11 and sticking a tacky adhesive surface protective film consisting of a polyolefin resin thereon as the separator 13. After the tacky adhesive surface protective film 13 is stripped, the tacky adhesive tape 1 for removing the resists described above is stuck to the articles on which the resists exist in the production process for the precision electronic parts, such as semiconductor wafers and liquid crystal display panels, and thereafter, this tape is peeled, by which the resists are fixed to the tacky adhesive layer 12 surface of the tacky adhesive tape 1 and are thereby removed.

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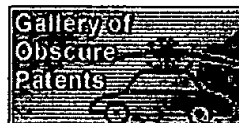
🔍 Family: **None**

🔍 Other Abstract Info: **CHEMABS 128(13)161001C CAN128(13)161001C**



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NOGUCHI ISATO;
EBE KAZUYOSHI;**Assignee: **LINTEC CORP**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Oct. 5, 1999 / March 20, 1998**Application Number: **JP1998000092806**IPC Code: **C09J 7/02;**Priority Number: **March 20, 1998 JP1998199892806**

Abstract:

PROBLEM TO BE SOLVED: To provide an antistatic pressure-sensitive adhesive sheet which does not lose its antistatic effect even after irradiation without substantially any loss of the pressure-sensitive adhesive performances of the pressure-sensitive adhesive layer and does not suffer from adhesion of microparticles or elution of contaminant ions.

SOLUTION: An antistatic pressure-sensitive adhesive sheet 10 consists of a substrate 1, a pressure-sensitive adhesive layer 2 carried on the main surface of the substrate, a conductive layer 3 carried on the pressure-sensitive adhesive layer and having a thickness in which the pressure-sensitive adhesive performances of the pressure-sensitive adhesive of the pressure-sensitive adhesive layer can be substantially maintained. It is desirable that the conductive layer has an adhesive strength of 5 g/25 mm or above to an adherend when measured according to JIS Z 0237.

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🔍 Title: **JP11334785A2: ADHESIVE TAPE FOR ELECTRONIC PARTS CARRIER, AND CARRYING, METHOD AND MOUNTING METHOD OF ELECTRONIC PARTS**

🔍 Country: **JP Japan**🔍 Kind: **A2 Document Laid open to Public inspection**

🔍 Inventor: **ARIMITSU YUKIO;
OSHIMA TOSHIYUKI;
MURATA SHIYUUTO;
KIUCHI KAZUYUKI;**

🔍 Assignee: **NITTO DENKO CORP**
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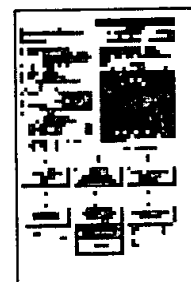
🔍 Published / Filed: **Dec. 7, 1999 / May 25, 1998**🔍 Application Number: **JP1998000161428**🔍 IPC Code: **B65D 85/86; B65B 15/04; B65D 73/02; C09J 7/02; H05K 13/02;**🔍 Priority Number: **May 25, 1998 JP1998000161428**

🔍 Abstract:

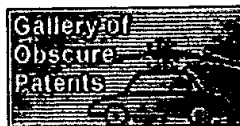
PROBLEM TO BE SOLVED: To remarkably reduce damages of electric parts in carrying and mounting the electronic parts, and to greatly improve the positional accuracy of the electronic parts by constituting an electronic parts carrier tape of a heating-and-peeling type adhesive sheet having a specified heat expansible layer.

SOLUTION: A heat expansible adhesive layer 3 including heat expansible small balls is provided on one surface of a base material 1 through a rubber-like organic elastic layer 2, and a separator 4 is laminated thereon to constitute a heating and peeling type adhesive sheet A. The heat expansible small balls may include small balls in which a substance heated to easily gasify and expand such as isobutane, propane and pentane is encapsulated in an elastic shell. Since the electronic parts are adhered and fixed to an adhesive surface, damages during the carriage and storage are prevented, and when heated, the heat expansive adhesive layer 3 is expanded, and the adhesive force to the electronic parts is rapidly degraded, and the electronic parts can be detached from the tape without applying unreasonable force.

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🔍 Title: **JP2000239624A2: RELEASE LINER AND PRESSURE-SENSITIVE ADHESIVE SHEET**

🔍 Country: **JP Japan**
 🔍 Kind: **A2 Document Laid open to Public inspection i**

🔍 Inventor: **TAKAHIRA HITOSHI;
 YAMAMOTO HIROSHI;
 NISHIYAMA NAUYUKI;
 OURA MASAHIRO;**

🔍 Assignee: **NITTO DENKO CORP**
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🔍 Published / Filed: **Sept. 5, 2000 / Sept. 22, 1999**

🔍 Application Number: **JP1999000268179**

🔍 IPC Code: **C09J 7/02; B32B 27/32;**

🔍 Priority Number: **Dec. 25, 1998 JP1998000369136**

🔍 Abstract:

PROBLEM TO BE SOLVED: To provide release liner having a good mold release function without using a silicone series material such as a silicone series mold release agent or the like, and further having heat resistance wherein a shape change of curling or the like hardly occurs even when it is heated.

SOLUTION: This release liner comprises a plastic film with a laminate structure composed of at least three layers, as both two surface layers, a mold release function layer 1 comprising a polyethylene film having density of 0.88-0.92 g/cm³ and a melt index of at most 10 g/10 min, and a surface film layer 3 having coefficient of linear thermal expansion equal to the mold release function layer 1, together with a reinforcing layer 2 having a melting point of at least 120°C as an intermediate layer. A pressure-sensitive adhesive sheet is obtained by forming a pressure-sensitive adhesive layer on a surface of the mold release function layer 1 in the release liner 4.

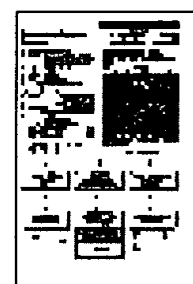
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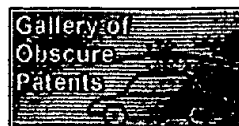
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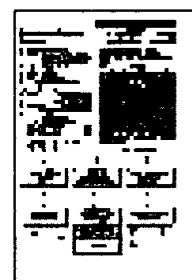
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Buy Now: [More choices...](#)Tools: Add to Work File: [Create new Work File](#)  [Go](#)View: [INPADOC](#) | Jump to: [Top](#)  [Email this to a friend](#)**Title: JP2000248237A2: ADHESIVE TAPE OR SHEET FOR HARD DISK DEVICE, AND HARD DISK DEVICE USING THE SAME****Country: JP** Japan**Kind: A2** Document Laid open to Public inspection**Inventor: YAMAMOTO HIROSHI;
NISHIYAMA NAOYUKI;
TOKUNAGA YASUYUKI;
HIKOSAKA WAKA;****Assignee: NITTO DENKO CORP**
[News, Profiles, Stocks and More about this company](#)**Published / Filed: Sept. 12, 2000 / March 3, 1999****Application Number: JP1999000055535****IPC Code: C09J 7/02;****Priority Number: March 3, 1999 JP1999000055535****Abstract:**

PROBLEM TO BE SOLVED: To obtain the subject adhesive tape or sheet capable of avoiding corrosion and/or malfunction due to silicone-based releasant, excellent in releasability, highly good in operability, and also causing no deformation when released.

SOLUTION: This adhesive tape or sheet is such one as to be used in assembling hard disk devices and made up of a substrate 1, tack agent layer(s) 2 provided on at least one side of the substrate 1, and release liner(s) 3 laminated on the surface of the tack agent layer(s) 2 and containing no silicone-based releasant, wherein the peel force of the release liner 3 is 5-100 gf/50 mm, and the release liner 3 is made from e.g. a polyolefin-based resin 10,000 in weight-average molecular weight and 0.945 g/cm³ in density.

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